

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Reclamation District No. 2035 Conaway**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 01 Cache Creek Settling Basin			Right	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2013 - 04/29/2013			
DWR Inspector	Rick Burnett			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Cache Creek Settling Basin				Right	2.01	04/29/2013 04/29/2013	Rick Burnett	

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1				Operations & Maintenance Manuals	WS	A Ma		°	°	3
DWR ID: DWR_RD2035_01_s_2013_3										
2				Emergency Supplies & Equipment	WS	A Ma		°	°	4
DWR ID: DWR_RD2035_01_s_2013_4										
3				Flood Preparedness & Training	WS	A Ma		°	°	5
DWR ID: DWR_RD2035_01_s_2013_5										
4	0.00	2.00		Vegetation	CR	M Ma	V9 : Keep the crown roadway free of vegetation.	38.677378 ° -121.709668 °	38.677181 ° -121.672961 °	2 Y
DWR ID: DWR_RD2035_01_s_2013_2										
5	0.01	2.00		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.677377 ° -121.709668 °	38.677181 ° -121.672961 °	1
DWR ID: DWR_RD2035_01_s_2013_1										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/29/2013 04/29/2013	Rick Burnett

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	2.00
Location	Crown
Category	
Item	Vegetation
RD 2035, Unit 1- Vegetation on crown roadway.	
rburnett_s_20130429_286.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	7.57
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2013 - 04/29/2013			
DWR Inspector	Rick Burnett			
Accompanied By				

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass				Right	7.57	04/29/2013 04/29/2013	Rick Burnett

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.06	7.56		Vegetation	LS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.676274 ° -121.672443 °	38.575382 ° -121.635462 °	1 Y
								DWR ID: DWR_RD2035_02_s_2013_1		
2	0.06	7.56		Vegetation	WS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.676274 ° -121.672443 °	38.575383 ° -121.635462 °	2 Y
								DWR ID: DWR_RD2035_02_s_2013_2		
3	0.28	0.36	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Slumping of the lower toe. New slumped section on downstream end. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_0-1_R]	38.673229 ° -121.671732 °	38.672069 ° -121.671516 °	4
								DWR ID: DWR_RD2035_02_s_2013_4		
4	1.19	1.23	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Small sections of slumping, likely from wind wave. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_1-2_R]	38.660050 ° -121.669028 °	38.659465 ° -121.668940 °	5
								DWR ID: DWR_RD2035_02_s_2013_5		
5	1.97	2.01	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Small sections of slumping lower bank, just downstream of bank rock. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_2-0_R]	38.648881 ° -121.666653 °	38.648178 ° -121.666385 °	6
								DWR ID: DWR_RD2035_02_s_2013_6		
6	2.16	4.36		Encroachments	LS	M	DT : Ditch	38.646063 ° -121.666332 °	38.623062 ° -121.648925 °	979 Y
								DWR ID: DWR_RD2035_02_s_2012_979		
7	2.25	2.58	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_2-3_R]	38.645319 ° -121.665089 °	38.640997 ° -121.661878 °	7
								DWR ID: DWR_RD2035_02_s_2013_7		
8	2.76	3.23	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Wave wash erosion and several sections of slumping bank along the toe. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_2-8_R]	38.638731 ° -121.660247 °	38.632783 ° -121.655864 °	8
								DWR ID: DWR_RD2035_02_s_2013_8		
9	4.06	4.37	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Wave wash erosion and some saturation slumping occurring. Several small scallops present in lower levee slope/toe due to saturation slumping. Tension/separation cracks evident in fine-grained levee slope materials. 2011 - Small pockets of erosion throughout the site. Site formerly called 3.8. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: YOL_4-2_R]	38.622224 ° -121.648201 °	38.618302 ° -121.645296 °	9
								DWR ID: DWR_RD2035_02_s_2013_9		

*** Location**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.57	04/29/2013 04/29/2013	Rick Burnett

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
10	4.40	6.52		Encroachments	LS	M	DT : Ditch En	38.617921 ° -121.645109 °	38.589619 ° -121.631277 °	10 Y
DWR ID: DWR_RD2035_02_s_2013_10										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.57	04/29/2013 04/29/2013	Rick Burnett

Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	7.56
Location	Land Side
Category	
Item	Vegetation
L/S slope vegetation.	
rburnett_s_20130429_289.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.06
End Levee Mile	7.56
Location	Water Side
Category	
Item	Vegetation
W/S slope vegetation.	
rburnett_s_20130429_288.JPG	



Levee Mile Report Line	6
Start Levee Mile	2.16
End Levee Mile	4.36
Location	Land Side
Category	
Item	Encroachments
Drainage ditch at L/S levee toe.	
rburnett_s_20130429_290.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.57	04/29/2013 04/29/2013	Rick Burnett

Levee Mile Report Line	10
Start Levee Mile	4.40
End Levee Mile	6.52
Location	Land Side
Category	
Item	Encroachments

Drainage ditch at L/S levee toe.

rburnett_s_20130429_291.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 03 Willow Slough Bypass			Left	2.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2013 - 04/29/2013			
DWR Inspector	Rick Burnett			
Accompanied By	Regina Cherovsky			

Summer & Winter Inspections

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass				Left	2.51	04/29/2013 04/29/2013	Rick Burnett

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	2.15		Vegetation	CR	M Ma	V9 : Keep the crown roadway free of vegetation.	38.575372 ° -121.635693 °	38.590917 ° -121.658721 °	2 Y
DWR ID: DWR_RD2035_03_s_2013_2										
2	0.00	2.50		Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.575372 ° -121.635693 °	38.590758 ° -121.665209 °	1 Y
DWR ID: DWR_RD2035_03_s_2013_1										
3	0.00	2.50		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.575373 ° -121.635695 °	38.590760 ° -121.665209 °	4 Y
DWR ID: DWR_RD2035_03_s_2013_4										
4	0.06	2.15		Encroachments	LS	M En	DT : Ditch	38.575615 ° -121.636680 °	38.590919 ° -121.658682 °	973 Y
DWR ID: DWR_RD2035_03_s_2012_973										
5	2.22	2.50		Encroachments	LS	M En	FE : Fence	38.590893 ° -121.659942 °	38.590760 ° -121.665210 °	5 Y
DWR ID: DWR_RD2035_03_s_2013_5										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/29/2013 04/29/2013	Rick Burnett

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	2.15
Location	Crown
Category	
Item	Vegetation

Typical crown roadway vegetation.

rburnett_s_20130429_294.JPG



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	2.50
Location	Land Side
Category	
Item	Vegetation

Typical L/S slope vegetation.

rburnett_s_20130429_293.JPG



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	2.50
Location	Water Side
Category	
Item	Vegetation

Typical L/S vegetation.

rburnett_s_20130429_295.JPG



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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/29/2013 04/29/2013	Rick Burnett

Levee Mile Report Line	4
Start Levee Mile	0.06
End Levee Mile	2.15
Location	Land Side
Category	
Item	Encroachments

L/S drainage ditch at levee toe.

rburnett_s_20130429_292.JPG



Levee Mile Report Line	5
Start Levee Mile	2.22
End Levee Mile	2.50
Location	Land Side
Category	
Item	Encroachments

Fence along L/S shoulder.

rburnett_s_20130429_296.JPG



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